Claims

1. A method of stimulating proliferation of a regulatory T cell, comprising contacting the cell with EBI3-p35.

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- 2. A method according to claim 1 wherein the EBI3-p35 comprises at least two EBI3 components and two p35 components.
- 3. A method according to claim 2 wherein the EBI-p35 is a heterotetramer consisting of two of each component.
 - 4. A method according to claim 2 or claim 3 wherein at least one EBI3 component and at least one p35 component are covalently linked to one another.

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- 5. A method according to claim 4 wherein the at least one EBI3 component and the at least one p35 component form a fusion protein.
- 20 6. A method according to claim 4 or claim 5 wherein each EBI3 or p35 component is covalently linked to at least one other such component.
- 7. A method according to any one of claims 1 to 6 wherein
 25 the EBI3-p35 further comprises one or more heterologous
 polypeptides covalently linked to one or more of the EBI3 or
 p35 components.
- 8. A method according to wherein two or more said
 heterologous polypeptides associate with one another to assist
 in the association between the EBI3 and p35 components.
 - 9. A method according to claim 8 wherein the heterologous polypeptides associate with one another via disulphide bonds.

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10. A method according to claim 9 wherein the heterologous polypeptides are antibody Fc regions including hinge regions.

- 11. A method according to any one of claims 1 to 10 further comprising contacting the regulatory T cell with a substance capable of stimulating signalling through the cell's T cell receptor.
- 12. A method of enhancing regulatory T cell activity in a subject, comprising administering EBI3-p35 to that subject.
- .10 13. EBI3-p35 for use in a method of medical treatment.

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- 14. Use of EBI3-p35 in the manufacture of a medicament for enhancing regulatory T cell activity in a subject.
- 15. Use according to claim 14 wherein the medicament is for the treatment of a condition characterised by inappropriate or undesirable T cell activation.
- 16. Use according to claim 15 wherein the condition is aninflammatory or autoimmune disease.
 - 17. Use according to claim 16 wherein the condition is arthritis (e.g. rheumatoid arthritis), gastritis, pernicious anaemia, thyroiditis, insulitis, diabetes, sialoadenitis,
- adrenalitis, orchitis/oophoritis, glomerulonephritis, experimental autoimmune encephalitis, multiple sclerosis, chronic obstructive pulmonary disease, atherosclerosis or inflammatory bowel disease.
- 30 18. Use according to claim 15 wherein the medicament is for the prevention or amelioration of allograft rejection.
 - 19. Use according to claim 15 wherein the condition is an allergy.
 - 20. Use according to claim 19 wherein the condition is asthma.

- 21. An EBI3-p35 molecule comprising an EBI3 component, a p35 component, and a heterologous component, wherein two or more such heterologous components are capable of associating with one another such that two or more such EBI-p35 molecules form a complex.
- 22. A molecule according to claim 21 wherein the EBI3, p35 and heterologous components form a fusion protein.

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- 23. A molecule according to claim 21 or claim 22 wherein the heterologous components are capable of associating with one another by formation of disulphide bonds.
- 24. A molecule according to any one of claims 21 to 23 wherein the heterologous component is an antibody Fc domain including the hinge region.
- 25. EBI3-p35 comprising two EBI3 components and two p35components.
 - 26. EBI3-p35 according to claim 25 wherein each of the EBI3 and p35 components is covalently linked to at least one other such component.

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- 27. EBI3-p35 according to claim 25 or claim 26 further comprising one or more heterologous components.
- 28. EBI3-p35 according to claim 27 wherein at least one of each of the EBI3, p35 and heterologous components form a fusion protein.
 - 29. A nucleic acid encoding a fusion protein according to claim 22 or claim 28.

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30. An expression vector comprising a nucleic acid according to claim 29.

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31. A host cell comprising an expression vector according to claim 30.